

## CHARLES CITY COUNTY

371956076055101. Local number, 54G 13 SOW 067.

**LOCATION.**--Lat 37°19'57", long 77°05'50", NAD83, Hydrologic Unit 02080206, 0.6 mi east of Bowens Store on State Highway 5, 1.6 mi southwest of Charles City. Owner: Virginia Department of Environmental Quality.

**AQUIFER.**--Middle Potomac aquifer of Cretaceous age.

**WELL CHARACTERISTICS.**--Drilled observation water well, diameter 2 in., depth 227 ft, screened 222 to 227 ft.

**INSTRUMENTATION.**--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Sep. 30, 1985, to Jul. 10, 1995, bimonthly measurement with chalked tape. Prior to Sep. 30, 1985, occasional measurement with chalked tape.

**DATUM.**--Elevation of land-surface datum is 35 ft above sea level, from topographic map. Measuring point: Top of casing, 2.4 ft above land-surface datum.

**REMARKS.**--Records provided by the Virginia Department of Environmental Quality - Water Division. Water level affected by regional drawdown.

**PERIOD OF RECORD.**--June 1973 to current year. Unpublished records available prior to October 1985 in files of the Virginia Department of Environmental Quality - Water Division.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level measured, 44.63 ft below land-surface datum, Jun. 7, 1973; lowest measured, 69.51 ft below land-surface datum, Jul. 11, 2001.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	68.93	FEB 27	68.98	APR 26	68.97	JUL 11	69.51
WATER YEAR 2001		HIGHEST	68.93	OCT 19, 2000	LOWEST	69.51	JUL 11, 2001

